

CAM4431MP-5

4MP HDR IR LED Auto Focus Motorized Lens In-Ceiling Dome Network Camera



- 4 Megapixel Progressive Scan CMOS Sensor
- Up to 2720x1536 30FPS Video Resolution
- H.265/H.264/MJPEG Simultaneous Video Streams
- Dual IRIS support (Auto-IRIS & P-IRIS)
- Day/Night Function with IR-Cut Filter
- IR LED Support (Distance Up to 40M)
- 3D Motion Compensated Noise Reduction (MCTF)



Product Specification

Camera	
Image Sensor	1/3" Progressive CMOS Omni Vision 4M
Lens	f2.7-12mm Auto focal Lens F1.6
WDR	Yes (HDR)
Day/Night ICR	Yes
IR LED	Yes Distance Up to 40M
Min Illumination	0.1 lux (Color) 0.01 lux (B/W)
Iris Control	Dual IRIS support (Auto-IRIS & P-IRIS)
Shutter time	1/1 ~ 1/10,000 s
Viewing Angle	Horizontal FOV: 99° (wide), 31° (tele) Vertical FOV: 53° (wide), 18° (tele)
Camera Angle Adjustment	N/A
Pan/Tilt/Zoom Functionalities	N/A
Video	
Video Compression	H.265/H.264/MJPEG
Resolution	Up to 2720x1536
Frame Rate	30 fps at 4 MP (2720x1536) 30 fps at 1080P (1920 x 1080) 30 fps at D1 (720 x 480)
Video stream	Up to 4 individually configurable streams in H.265/H.264/MJPEG Configurable resolution/frame rate/bandwidth LBR/VBR/CBR in H.265/H.264
Bit Rate	64K ~ 10Mbps, VBR, CBR, controller frame rate and quality
Video Control	Color, Brightness, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay
Intelligent video	Motion Detection/Tampering/Audio detection
BNC Support	N/A
Video Jack	N/A
Audio	
Built-in MIC	N/A

Audio Compression	G.711/G.726/AAC/LPCM
Audio In/Out	Line In, terminal block
I/O and Event Management	
Connectors	RJ45, Alarm in x2, Alarm out x1, Terminal Block, DC12V Terminal Block, AC 24V Terminal Block, Audio in/out 3.5mm Jack, CVBS Connector
Video Buffer	N/A
Event Action	External output Activation Video recording to edge storage File Upload: FTP, network share and email Notification: HTTP, FTP, email
Network	
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS
Ethernet	RJ-45, 10/100M
System	
Local Storage	MicroSD/SDHC/SDXC
RS-485	N/A
USB	N/A
SDK	Surveon SDK 2.0
Viewing System	
OS	Microsoft Windows 7/8
Browser	IE 8.x or above, Safari, Chrome (via IE Tab)
Software	Surveon VMS 2.5
General	
Temperature	-30°C~55°C (-22°F~131°F)
Humidity	10 to 90%, No Condensation
Power	802.3at PoE+ / DC 12V
Power Consumption	Max. 13.68 watt
Dimension	Ø 124.9 x128.5 mm
Weight	405 g
Certification	CE / FCC /LVD
Warranty	2 years